

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Division of Serial No. 09/189,483

Applicant : Motoki KATO
Filed : Herewith
For : DECODING METHOD AND APPARATUS AND RECORDING
METHOD AND APPARATUS FOR MOVING PICTURE DATA
Examiner : G. Phillippe
Art Unit : 2721

745 Fifth Avenue
New York, New York 10151
Tel. (212) 588-0800

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:

Before the issuance of the first Official Action,
please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please add the following as the first paragraph on page
1 of the specification:

--This is a divisional of U.S. application Serial No.
09/189,483, filed November 10, 1998.--

IN THE CLAIMS:

Please cancel claims 1-52.

Please add the following claims.

53. A recording apparatus for recording moving picture
data, comprising:

encoding means for encoding moving picture data using a
predictive encoding system;

designation information supplying means for supplying
information designating a decoding starting picture and a display
starting picture in said moving picture data, and for supplying
information designating a decoding terminating picture and a
display terminating picture in said moving picture data; and

recording means for recording moving picture data
encoded by said encoding means and the designating information
supplied by said designation information supplying means.

54. The recording apparatus according to claim 53,
wherein said encoding means encodes as information a position of
a leading data byte of said decoding starting picture in an
encoding data file of moving pictures, said position information
being used in a reproducing unit of the moving picture data.

55. The recording apparatus according to claim 53,
wherein said encoding means encodes as information a display
start time point of the display starting picture, said display

information being used in a reproducing unit of the moving picture data.

56. The recording apparatus according to claim 53, wherein said encoding means encodes as information a position of the last data byte of said decoding terminating picture to an encoding data file of moving pictures, said position information being used in a reproducing unit of the moving picture data.

57. The recording apparatus according to claim 53, wherein said encoding means encodes as information a display termination time point of the display terminating picture, said display information being used in a reproducing unit of the moving picture data.

58. The recording apparatus according to claim 53, wherein said encoding means encodes as information a display start time point of said display terminating picture, said display information being used in a reproducing unit of the moving picture data.

59. A recording method for recording moving picture data, comprising the steps of:

encoding moving picture data using a predictive encoding system;

supplying information designating a decoding starting picture and a display starting picture in said moving picture data, and for supplying information designating a decoding

terminating picture and a display terminating picture in said moving picture data; and

recording encoded moving picture data and the supplied designating information.

60. The recording method according to claim 59, further comprising the step of:

encoding as information a position of a leading data byte of said decoding starting picture in an encoding data file of moving pictures, said position information being used in a reproducing unit of the moving picture data.

61. The recording method according to claim 59, further comprising the step of:

encoding as information a display start time point of the display starting picture, said display information being used in a reproducing unit of the moving picture data.

62. The recording method according to claim 59, further comprising the step of:

encoding as information a position of a last data byte of the decoding terminating picture in an encoding data file of moving pictures, said position information being used in a reproducing unit of the moving picture data.

63. The recording method according to claim 59, further comprising the step of:

encoding as information a display termination time point of the display terminating picture, said display

information being used in a reproducing unit of the moving picture data.

64. The recording method according to claim 59, further comprising the step of:

encoding as information a display start time point of the display terminating picture, said display information being used in a reproducing unit of the moving picture data.

65. A recording medium on which there are recorded information designating a decoding starting picture and a display starting picture in moving picture data, and information designating a decoding terminating picture and a display terminating picture in said moving picture data along with encoded data of moving pictures encoded using a predictive encoding system.

66. The recording medium according to claim 65, wherein a position of a leading data byte of the decoding starting picture in an encoding data file of moving pictures is recorded thereon and is used in a reproducing unit of the moving picture data.

67. The recording medium according to claim 65, wherein a display start time point of the display starting picture is recorded thereon and is used in a reproducing unit of the moving picture data.

68. The recording medium according to claim 65, wherein a position of the last data byte of the decoding

terminating picture in an encoding data file of moving pictures is recorded thereon and is used in a reproducing unit of the moving picture data.

69. The recording medium according to claim 65, wherein a display termination time point of the display terminating picture is recorded thereon and is used in a reproducing unit of the moving picture data.

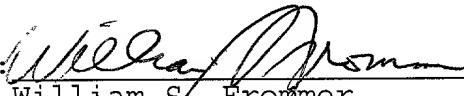
70. The recording medium according to claim 65, wherein a display start time point of the display terminating picture is recorded thereon and is used in a reproducing unit of the moving picture data.

REMARKS

This preliminary amendment makes reference to the parent application and cancels those claims that are being prosecuted in the parent. Claims 53-70, corresponding to the non-elected claims of Group II in the parent application, are presented in this divisional. Entry of the above amendatory matter and early examination on the merits are respectfully requested.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicant

By: 
William S. Frommer
Registration No. 25,506
Tel. (212) 588-0800